



BEST AVAILABLE COPY

11W 2631

Approved for use through 07/31/2006. OMB 0451-0001
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450

TRANSMITTAL FORM <small>(to be used for all correspondence after initial filing)</small>	Application Number	09/823,500	
	Filing Date	March 30, 2001	
	First Named Inventor	McDONALD, James Douglas	
	Art Unit	2631	
	Examiner Name	TSE, Young Toe	
Total Number of Pages in This Submission	54	Attorney Docket Number	ALRL03A

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s)	
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	Remarks	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name			
Signature	<i>Allen LeRoy Limberg</i>		
Printed name	Allen LeRoy Limberg, Esq.		
Date	May 9, 2005	Reg. No.	27,211

PRIORITY CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature	<i>Allen LeRoy Limberg</i>		
Typed or printed name	Allen LeRoy Limberg, Esq.	Date	May 9, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 422 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



IN THE UNITED STATES PATENT & TRADEMARK OFFICE

In re Patent Application Serial No. 09/823,500

Filed: March 30, 2001

For: DIGITAL MODULATION SIGNAL RECEIVER WITH ADAPTIVE CHANNEL
EQUALIZATION EMPLOYING DISCRETE FOURIER TRANSFORMS

Applicants: James Douglas McDonald & Allen LeRoy Limberg

TC/A. U.: 2631

Examiner: Young Toe TSE

Atty. Dkt. No. ALRL03A

Customer No. 43704

The Honorable Commissioner for Patents

P. O. Box 1450

Alexandria, VA 22313-1450

RESPONSE TO SECOND OFFICE ACTION REQUIRING ELECTION OF SPECIES

Sir:

This response is to the second Office Action mailed 15 April 2005.

No amendments are made to the specification.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper. Claim 29 on page 9 is amended to better form, and other claims are presented in fair form.

Remarks/Arguments begin on page 30 of this paper. The first embodiment of a receiver apparatus or method for digital signals of a prescribed baud rate transmitted by respective AM-RF carriers through a medium subject to multipath distortion is elected for prosecution on the merits, although the requirement for restriction is traversed.